

Translation

PATENT COOPERATION TREATY

Rec'd PCT/PTO 0523 JUN 2005

PCT/EP2003/014938



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 41.512.fl.sev	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/EP2003/014938	International filing date (day/month/year) 29 December 2003 (29.12.2003)	Priority date (day/month/year) 06 January 2003 (06.01.2003)
International Patent Classification (IPC) or national classification and IPC B21C 47/00, B21B 38/00		
Applicant SMS DEMAG AKTIENGESELLSCHAFT		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 15 July 2004 (15.07.2004)	Date of completion of this report 06 August 2005 (06.08.2005)
Name and mailing address of the IPEA/ Facsimile No.	Authorized officer Telephone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/EP2003/014938

I. Basis of the report

1. With regard to the elements of the international application:*

- ☐ the international application as originally filed
- ☒ the description:
- pages _____ 1-8 _____, as originally filed
- pages _____, filed with the demand
- pages _____, filed with the letter of _____
- ☒ the claims:
- pages _____ 1-12 _____, as originally filed
- pages _____, as amended (together with any statement under Article 19
- pages _____, filed with the demand
- pages _____, filed with the letter of _____
- ☒ the drawings:
- pages _____ 1/3-3/3 _____, as originally filed
- pages _____, filed with the demand
- pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
- pages _____, as originally filed
- pages _____, filed with the demand
- pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/EP 03/14938

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-12	YES
	Claims		NO
Inventive step (IS)	Claims	1-12	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-12	YES
	Claims		NO

2. Citations and explanations

1. Independent claim 1 and dependent claims 2 to 5:

The prior art closest to the subject matter of claim 1 is discussed on page 1 of the description. Thus, a method according to the preamble of claim 1 is known.

The subject matter of claim 1 differs therefrom in that the sample strip is run "inline" onto an inspection table over a reeling station.

As a result of these features, errors can be detected prior to the actual reeling process.

Furthermore, no finished coils need be handled.

Such sampling directly within the pass line prior to reeling is not known from the prior art.

The subject matter of claim 1 is novel and inventive (PCT Article 33(2) and (3)).

2. Independent claim 6 and dependent claims 7 to 12:

The subject matter of claim 6 is unclear (PCT Article 6). The claim is directed to a plant for rolling, that is to a rolling mill, but this plant is said to be situated behind a rolling mill.

Examination will assume the following clarified wording of claim 6:

"Plant for rolling and then reeling strip metal, especially strip steel, with a delivery device which ... behind a rolling mill, characterized in that the delivery station has a reel station, where the reel station..."

Claim 6 relates to a device suitable for implementing the method according to claim 1, by means of which device the technical problems specified for the method can be solved.

The subject matter of a clarified claim 6 is therefore also novel and inventive (PCT Article 33(2) and (3)).

Claims 7 to 12 are dependent on claim 6 and thus also meet the PCT requirements for novelty and inventive step.

The subject matter of claims 10 to 12 is, however, unclear due to the back references. Claim 10 should refer back to claim 9, claim 11 to one of claims 8 to 10 and claim 12 to one of claims 8 to 11.